

1 16. (new) A biologically-degradable or bio-soluble glass fiber composition, characterized in that
2 it comprises the following components expressed in percent by weight:

3	- SiO ₂ :	61 to 66;
4	- Al ₂ O ₃ :	1.1 to 1.80;
5	- (CaO+MgO):	higher than 9;
6	- Na ₂ O:	17.50 to 18.50;
7	- K ₂ O:	0.6 to 1;
8	- B ₂ O ₃ :	4 to 15;
9	- P ₂ O ₅ :	0 to 5;
10	- SO ₃ :	0.1 to 0.5;
11	- Fe ₂ O ₃ :	0 to 0.5;
12	- Others:	less than 2.

1 17. (new) The composition as claimed in claim 16, wherein it comprises the following
2 components expressed in percent by weight:

3	- SiO ₂ :	63.95;
4	- Al ₂ O ₃ :	1.10;
5	- CaO:	7.50;
6	- MgO:	2.50;
7	- Na ₂ O:	17.80;
8	- K ₂ O:	0.70;
9	- B ₂ O ₃ :	6.00;
10	- SO ₃ :	0.35;
11	- Fe ₂ O ₃ :	0.10;
12	- Others:	less than 2.

1 18. (new) The composition as claimed in claim 16, wherein it comprises the following
2 components expressed in percent by weight:

3	- SiO ₂ :	64.95;
4	- Al ₂ O ₃ :	1.20;
5	- CaO:	7.00;
6	- MgO:	2.50;
7	- Na ₂ O:	17.80;
8	- K ₂ O:	0.70;
9	- B ₂ O ₃ :	4.40;
10	- P ₂ O ₅ :	1.00;
11	- SO ₃ :	0.35;
12	- Fe ₂ O ₃ :	0.10;
13	- Others:	less than 2.

1 19. (new) The composition as claimed in claim 16, wherein it comprises the following
2 components expressed in percent by weight:

3	- SiO ₂ :	63.40;
4	- Al ₂ O ₃ :	1.70;
5	- CaO:	6.80;
6	- MgO:	3.60;
7	- Na ₂ O:	17.60;
8	- K ₂ O:	0.90;
9	- B ₂ O ₃ :	5.90;
10	- Fe ₂ O ₃ :	0.10;
11	- Others:	less than 2.

1 20. (new) A biologically-degradable or bio-soluble glass fiber composition, wherein it comprises
2 the following components expressed in percent by weight:

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3	- SiO ₂ :	61 to 66;
4	- Al ₂ O ₃ :	1.1 to 1.25;
5	- (CaO+MgO):	higher than 9;
6	- Na ₂ O:	17.50 to 18.50;
7	- K ₂ O:	0.6 to 1;
8	- B ₂ O ₃ :	4 to 15;
9	- (B ₂ O ₃ +P ₂ O ₅):	higher than 5;
10	- SO ₃ :	0 to 1;
11	- Fe ₂ O ₃ :	0 to 0.5;
12	- Others:	less than 2.

1 21. (new) The composition as claimed in claim 20, wherein it comprises the following
2 components expressed in percent by weight:

3	- B ₂ O ₃ :	higher than 5.5;
4	- P ₂ O ₅ :	0 to less than 0.1.

1 22. (new) The composition as claimed in claim 20, wherein it comprises the following
2 component expressed in percent by weight:

3	- SO ₃ :	0.1 to 0.5
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1 23. (new) The composition as claimed in claim 20, wherein it comprises the following
2 components expressed in percent by weight:

3	- B ₂ O ₃ :	less than 5;
4	- P ₂ O ₅ :	0.75 to 1.5.

1 24. (new) The composition as claimed in claim 20, wherein it comprises the following
2 component expressed in percent by weight:

3	- Fe ₂ O ₃ :	0.05 to 0.2.
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1 25. (new) A biologically-degradable or bio-soluble glass fiber composition, wherein it comprises
2 the following components expressed in percent by weight:

3 - SiO₂: 61 to 66;
4 - Al₂O₃: 1.6 to 1.8;
5 - CaO: 6 to 9;
6 - MgO: higher than 3.50;
7 - Na₂O: 17.50 to 18.50;
8 - K₂O: 0.6 to 1.5;
9 - B₂O₃: 5 to 15;
10 - P₂O₅: less than 0.1;
11 - SO₃: less than 0.35;
12 - Fe₂O₃: higher than zero
a 13 - Others: less than 2.

1 26. (new) The composition as claimed in claim 25, wherein it comprises the following
2 components expressed in percent by weight:

3 - SO₃: 0.1 to 0.25.
